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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hsueh-Yuan Pao et al      Docket No. : IL-11028  
Serial No. : 10/644,561      Art Unit :  
Filed : August 19, 2003      Examiner :  
For : Digital Intermediate Frequency QAM Modulator Using Parallel Processing

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Forwarded herewith is an Information Disclosure Statement, Form-1449, in the above-identified application. Copies of the cited references are enclosed: 1 U.S. Patent Documents and 1 Other Disclosure. This item of information was first cited in a PCT International Search Report dated December 16, 2003 in a counterpart foreign application.

The above-mentioned disclosures, which are not admitted as prior art, are identified on the enclosed Form 1449.

Please charge Deposit Account 12-0695 in the amount of \$180.00

Dated: 2-2-04

Respectfully submitted,

Alan H. Thompson  
Attorney for Applicants  
Registration No. 29,981

02/09/2004 TBESHAH1 00000146 120695 10644561

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Enclosures: As noted above



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1. Supplemental Information Disclosure Statement (1 page)
2. Information Disclosure Statement, Form PTO-1449  
1 US Patent and 1 Other Disclosure
3. Return Postcard

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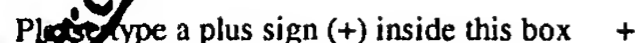
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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Complete if Known**

Application Number

10/644,561

Filing Date

August 19, 2003

**First Named Inventor**

Hsueh-Yuan Pao et al

## Group Art Unit

Examiner Name

Attorney Docket Number

IL-11028

**U.S. PATENT DOCUMENTS**

Examiner  
Initials\*

Cite  
No.<sup>1</sup>

<u>U.S. Patent Document</u>	
Number	Kind Code <sup>2</sup> (if known)

Name of Patentee or Applicant of Cited Document

Date of Publication of  
Cited Document  
MM-DD-YYYY

Pages, Columns, Lines,  
Where Relevant Passages or  
Relevant Figures Appear

6,430,228

**B1**

Qin Zhang

08-06-2002

## FOREIGN PATENT DOCUMENTS

Examiner  
Initials\*Cite  
No.<sup>1</sup>

Foreign Patent Document  
Office<sup>3</sup>      Number<sup>4</sup>      Kind Code<sup>5</sup>  
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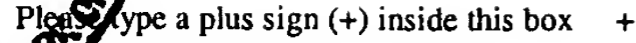
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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